Product Manager Individual Weapons

Briefing to NDIA

PM Individual Weapons
Activated 4 November 2002
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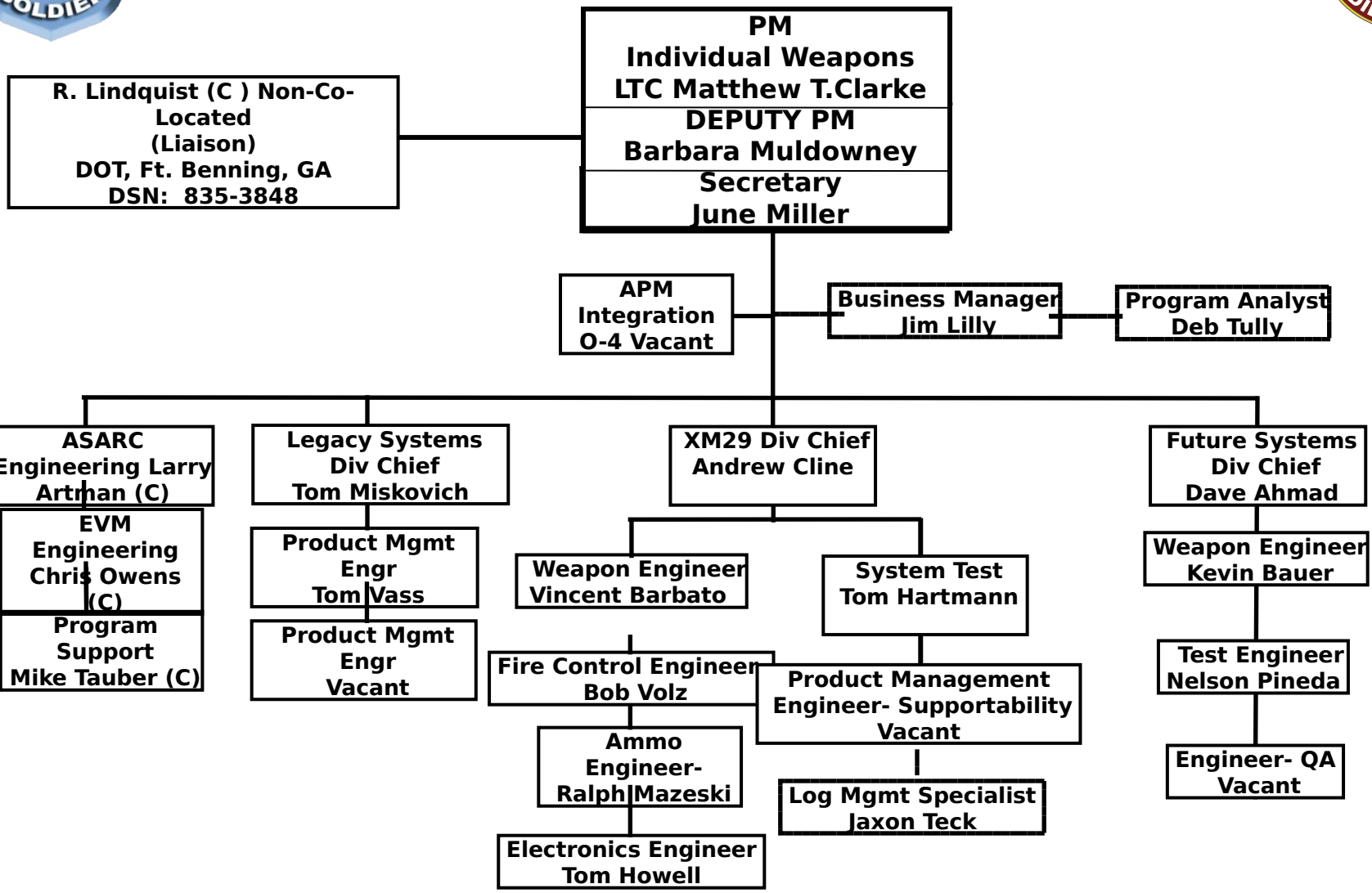
12 May 03

Product Manager Individual Weapons



Current Programs

RDT&E

ACAT II Programs

1. XM29
   - XM8
   - XM25

WPN Soldier Enhancement Programs (SEP)

2. 9mm Pistol Rail system for M9

3. Accessory Shotgun (LWS)

4. Improved 40mm GL

WPN BLOCK MOD Programs

5. Multi-Purpose Optic

PROCUREMENT

WPN Production Programs

6. M16A2/A4 Rifle
   A. M16A4 Mod Line

7. M4 Carbine
   A. M4 Mod Line

8. M68 Close Combat Optic

Individual Weapons

Today

M4
CARBINE

M16A4
RIFLE

M16/M203

CIRCA (1963)

25mm Ammo
Low Velocity

- Airburst
- Armor Piercin
- Thermobaric

40mm Ammo

•Thermobaric

Tomorrow

XM8 Carbine

XM320
40mm Grenade Launcher

XM25
Air Burst Weapon

XM29 Integrated
Airburst Weapon System

Starting (2005)

Lethality Leap Ahead Achievable in 24/36 M

XM29 Spiral Development

Old “Total System” Blocked Development

Block 1

Block 2

Block 3

New Spiral Development with Incremental Fielding

XM25 with Air Bursting Ammo (25mm)

XM104 Target Acquisition Fire Control System

XM8 Carbine

XM29

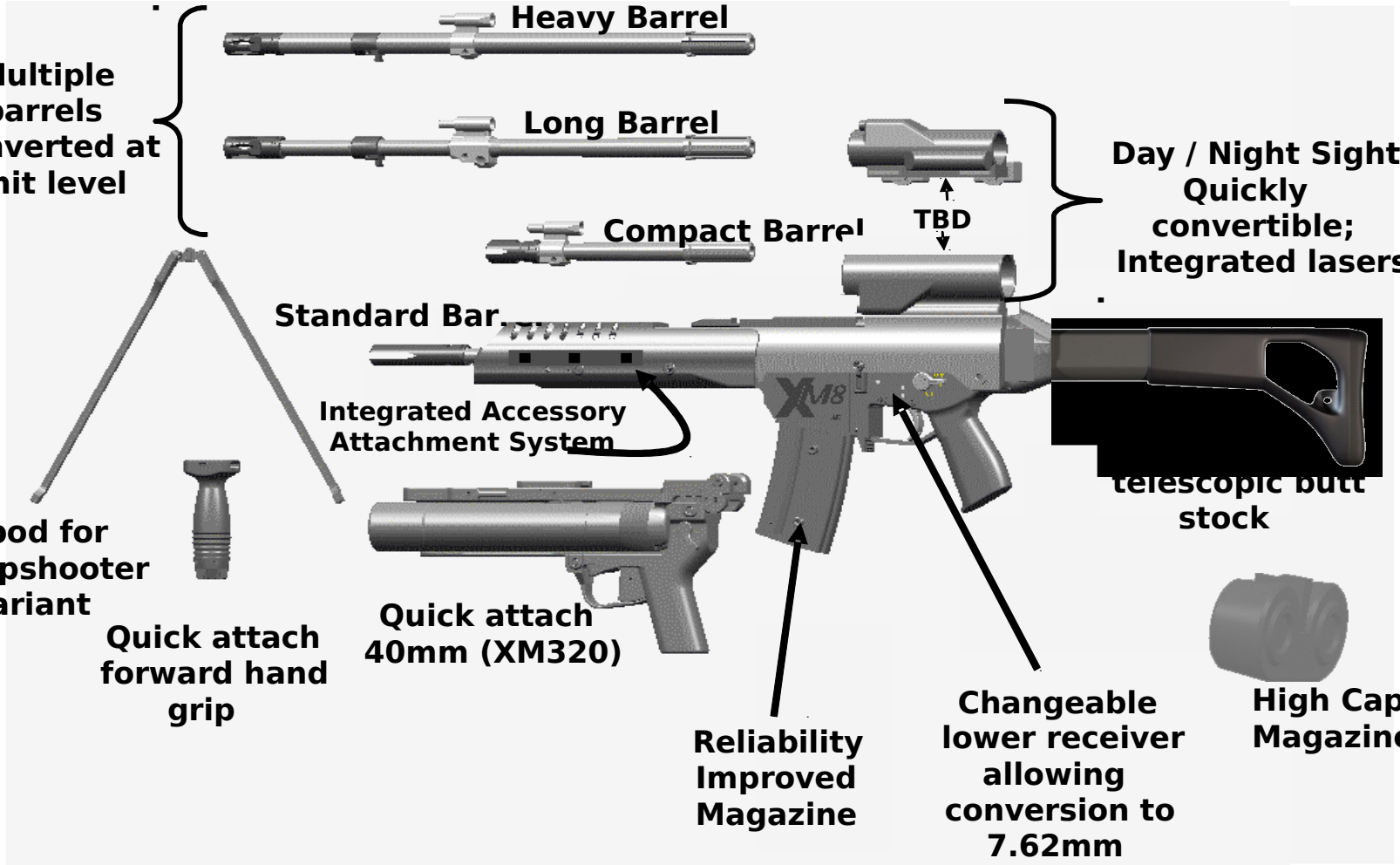
XM 25 Concept

XM29 Subsystem Spin Offs

XM25 with Air Bursting Ammo (25mm)

Available for Testing in FY 05

XM8 Future Combat Rifle



Modularity/Reliability/Lethality in a Lighter Pack

XM29
Integrated Airburst Weapon System

PRIMARY WEAPON: HEAB
SECONDARY WEAPON: 5.56MM KE
TARGET ACQUISITION/FIRE CONTRO

Dual Munition System

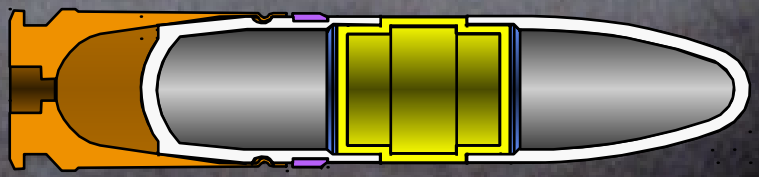
- High Explosive Air Bursting (HEAB)
- 5.56mm Kinetic Energy

Target Acquisition/Fire Control (TA/FC)

- Direct View Optics
- Uncooled Thermal Sight
- Compass (Bearing, Cant, & Tilt)
- Laser Range Finder
- Fuze Setter
- Ballistic Computer
- Display

Bursting Munition Concept

- Commonality with XM307
- 25mm



Airburst Munitions Firings

“Soldiers are the Centerpiece of our Formations”

GEN Shinseki

The Soldier
“America’s Most Deployed Weapon System”

We Can Deliver